


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐**APPLICATION FOR PERMIT TO DRILL**

2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				1. WELL NAME and NUMBER Federal 3-25-8-15		
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO				3. FIELD OR WILDCAT UNDESIGNATED		
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY				5. UNIT or COMMUNITIZATION AGREEMENT NAME		
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052				7. OPERATOR PHONE 435 646-4825		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-67168		11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		9. OPERATOR E-MAIL mcrozier@newfield.com		
12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				13. NAME OF SURFACE OWNER (if box 12 = 'fee')		
14. SURFACE OWNER PHONE (if box 12 = 'fee')				15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		
16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>				19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	460 FNL 1982 FWL	NENW	25	8.0 S	15.0 E	S
Top of Uppermost Producing Zone	460 FNL 1982 FWL	NENW	25	8.0 S	15.0 E	S
At Total Depth	460 FNL 1982 FWL	NENW	25	8.0 S	15.0 E	S
21. COUNTY DUCHESNE		22. DISTANCE TO NEAREST LEASE LINE (Feet) 460		23. NUMBER OF ACRES IN DRILLING UNIT 40		
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1366		26. PROPOSED DEPTH MD: 6515 TVD: 6515		
27. ELEVATION - GROUND LEVEL 5692		28. BOND NUMBER WYB000493		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-7478		

ATTACHMENTS**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
NAME Mandie Crozier	TITLE Regulatory Tech
SIGNATURE	DATE 06/15/2009
PHONE 435 646-4825	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013500420000	APPROVAL  Permit Manager

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	5.5	0	6515		
Pipe	Grade	Length	Weight			
	Grade J-55 LT&C	6515	15.5			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	8.625	0	290		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	290	24.0			

T8S, R15E, S.L.B.&M.

Mile Marker 23 1/2
Set Stone

OLD INDIAN TREATY BOUNDARY

574°40'22"W
5269.23' (Meas.)

574°37'08"W
2634.47' (Meas.)

1414.19'
1982'

1220.28'
1910 C.C.
Brass Cap

Lot 2

Lot 1

DRILLING WINDOW

200'

40'

1910 Brass Cap

3308'

Set Stone

1910 Brass Cap

589°58'47"W - 2647.25' (Meas.)

N89°55'W - 45.11' (G.L.O.)

Set Stone

1910 Brass Cap

589°54'50"W - 2643.78' (Meas.)

N89°55'W - 80.02' (G.L.O.)

1910 Brass Cap

589°58'37"W - 2643.16' (Meas.)

N89°55'W - 80.02' (G.L.O.)

1910 Brass Cap

589°58'37"W - 2643.16' (Meas.)

N89°55'W - 80.02' (G.L.O.)

1910 Brass Cap

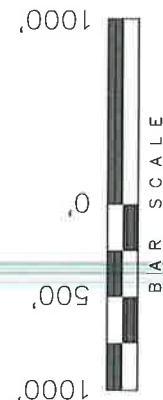
589°58'37"W - 2643.16' (Meas.)

N89°55'W - 80.02' (G.L.O.)

1910 Brass Cap

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, FEDERAL 3-25-8-15,
LOCATED AS SHOWN IN THE NE 1/4 NW
1/4 (LOT 1) OF SECTION 25, T8S, R15E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



N

WELL LOCATION:
FEDERAL 3-25-8-15
ELEV. UNGRADED GROUND = 5692.3'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-12-08	SURVEYED BY: T.H.
DATE DRAWN: 03-31-09	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

FEDERAL 3-25-8-15
(Surface Location) NAD 83
LATITUDE = 40° 05' 40.78"
LONGITUDE = 110° 10' 58.22"

SECTION CORNERS LOCATED

BASIS OF ELEV.; Elevations are base on
LOCATION: an N.G.S. OPUS Correction.
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

NEWFIELD PRODUCTION COMPANY
FEDERAL 3-25-8-15
NE/NW (LOT #1) SECTION 25, T8S, R15E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta 0' – 1665'
Green River 1665'
Wasatch 6515'
Base of Moderately Saline Ground Water @ 230'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1665' – 6515' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

2-M SYSTEM

Blowout Prevention Equipment Systems

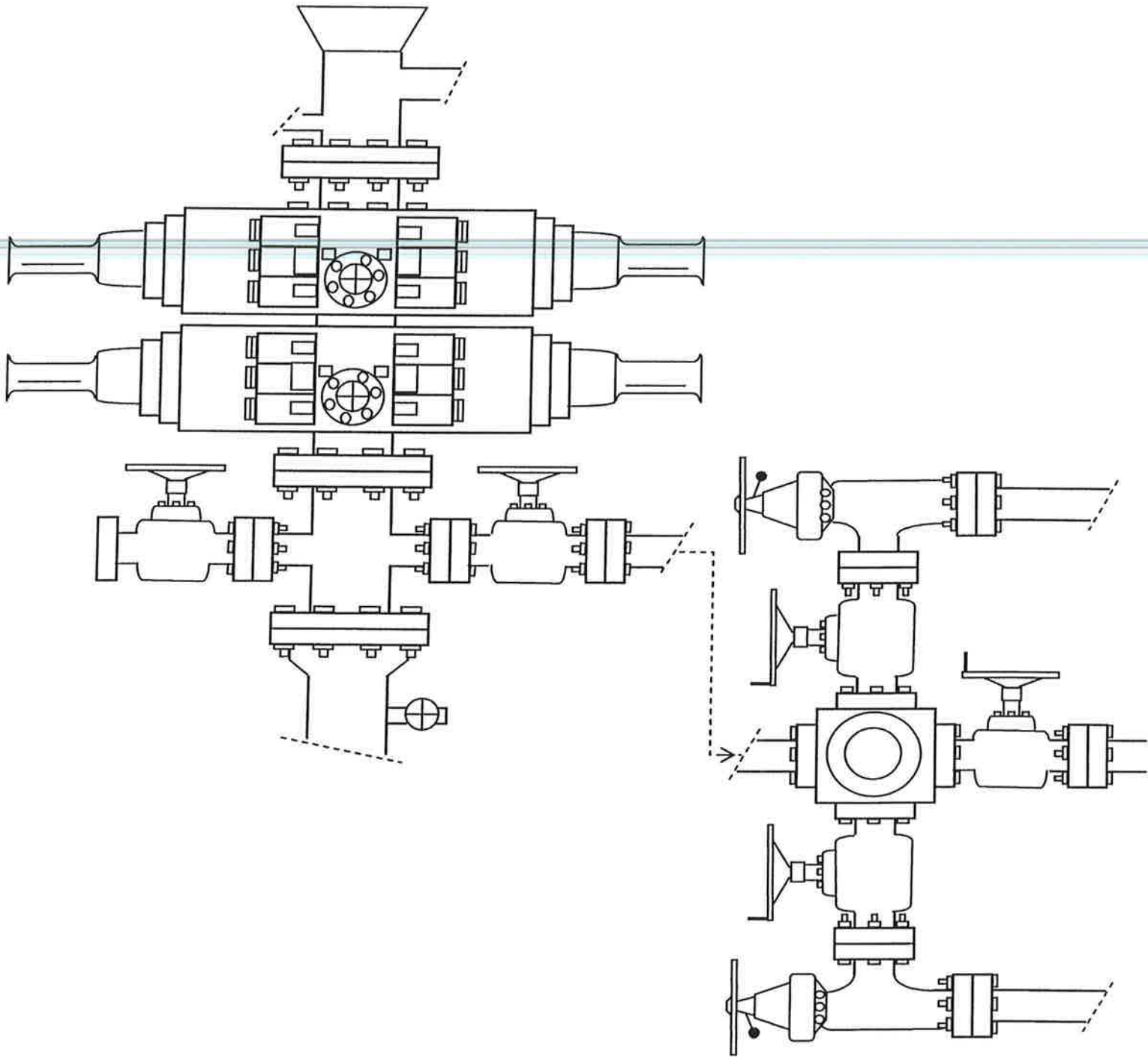
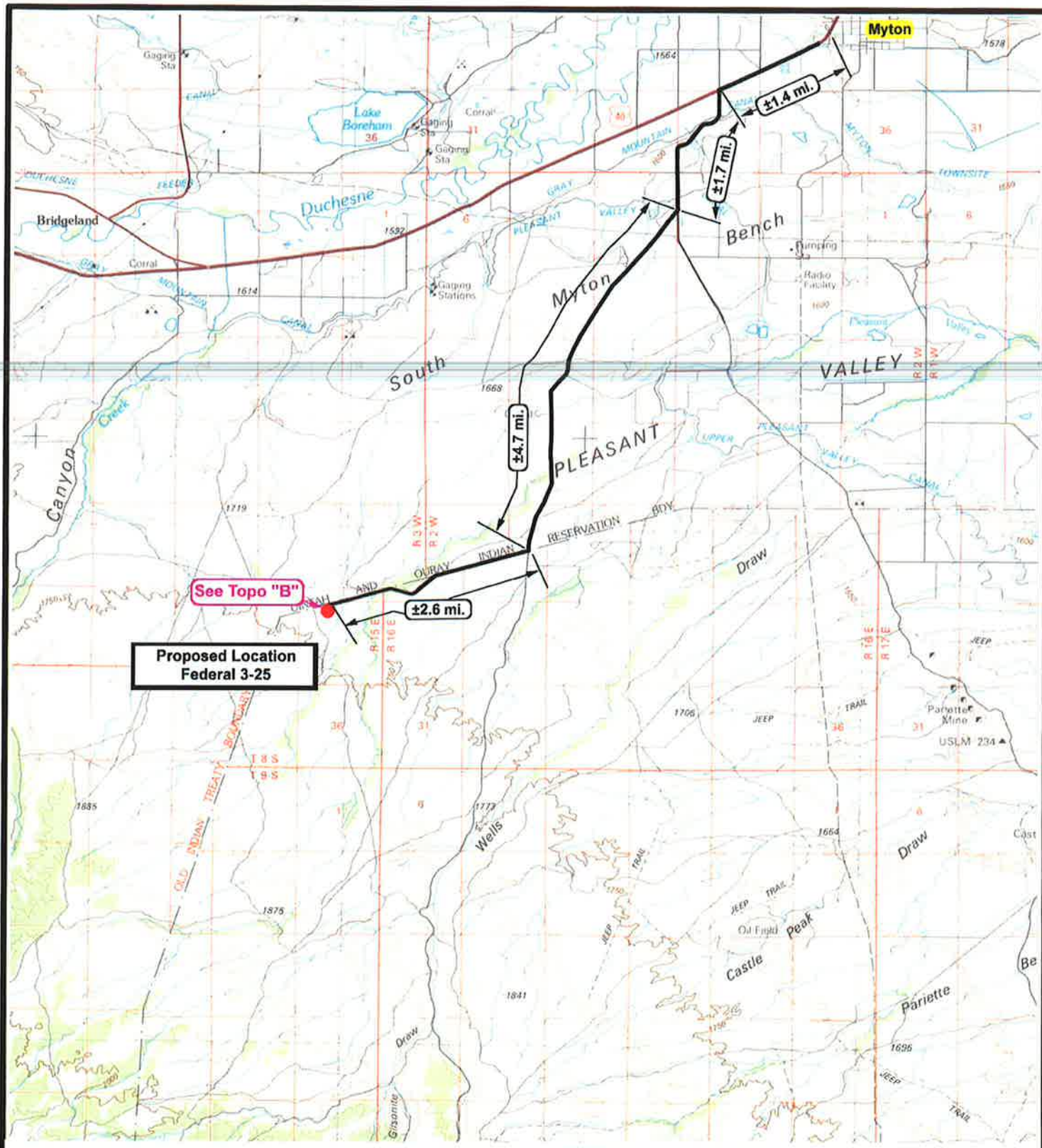
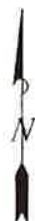


EXHIBIT C



NEWFIELD
Exploration Company

Federal 3-25-8-15
SEC. 25, T8S, R15E, S.L.B.&M.



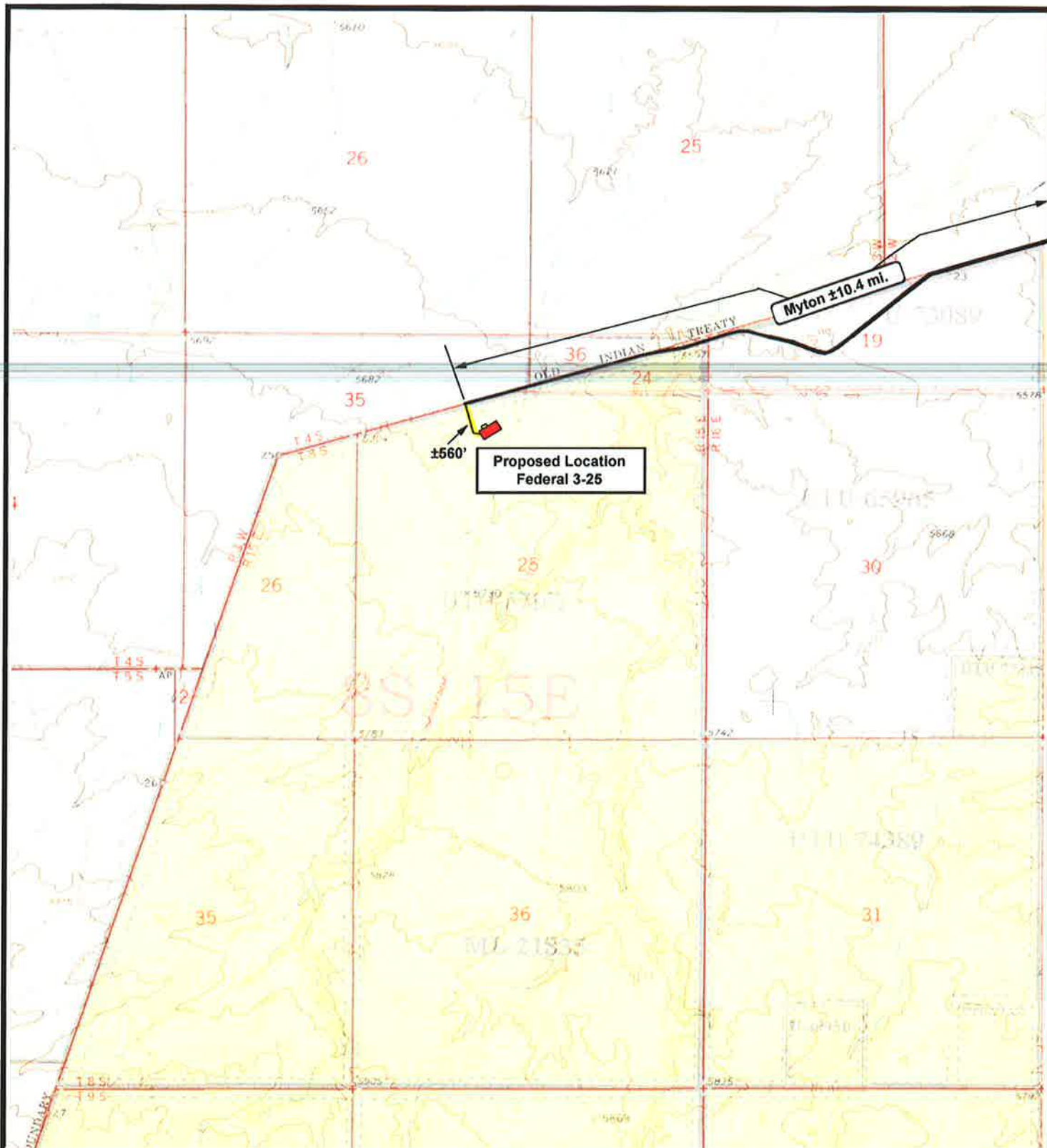
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: JAS
DATE: 04-01-2009

Legend
— Existing Road
— Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

Federal 3-25-8-15
SEC. 25, T8S, R15E, S.L.B.&M.



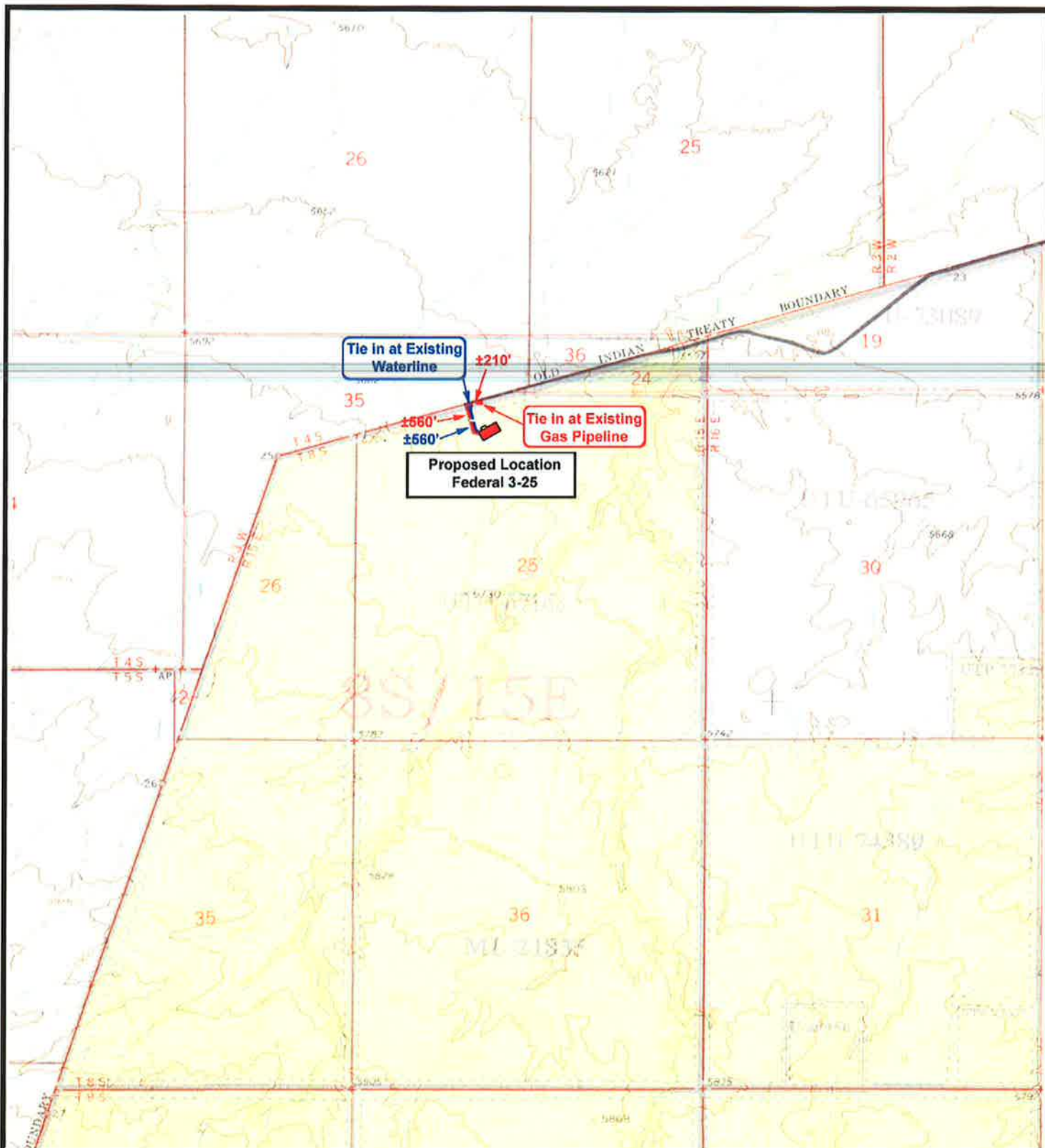
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 04-01-2009

Legend
Existing Road
Proposed Access

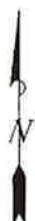
TOPOGRAPHIC MAP

"B"



NEWFIELD
Exploration Company

Federal 3-25-8-15
SEC. 25, T8S, R15E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

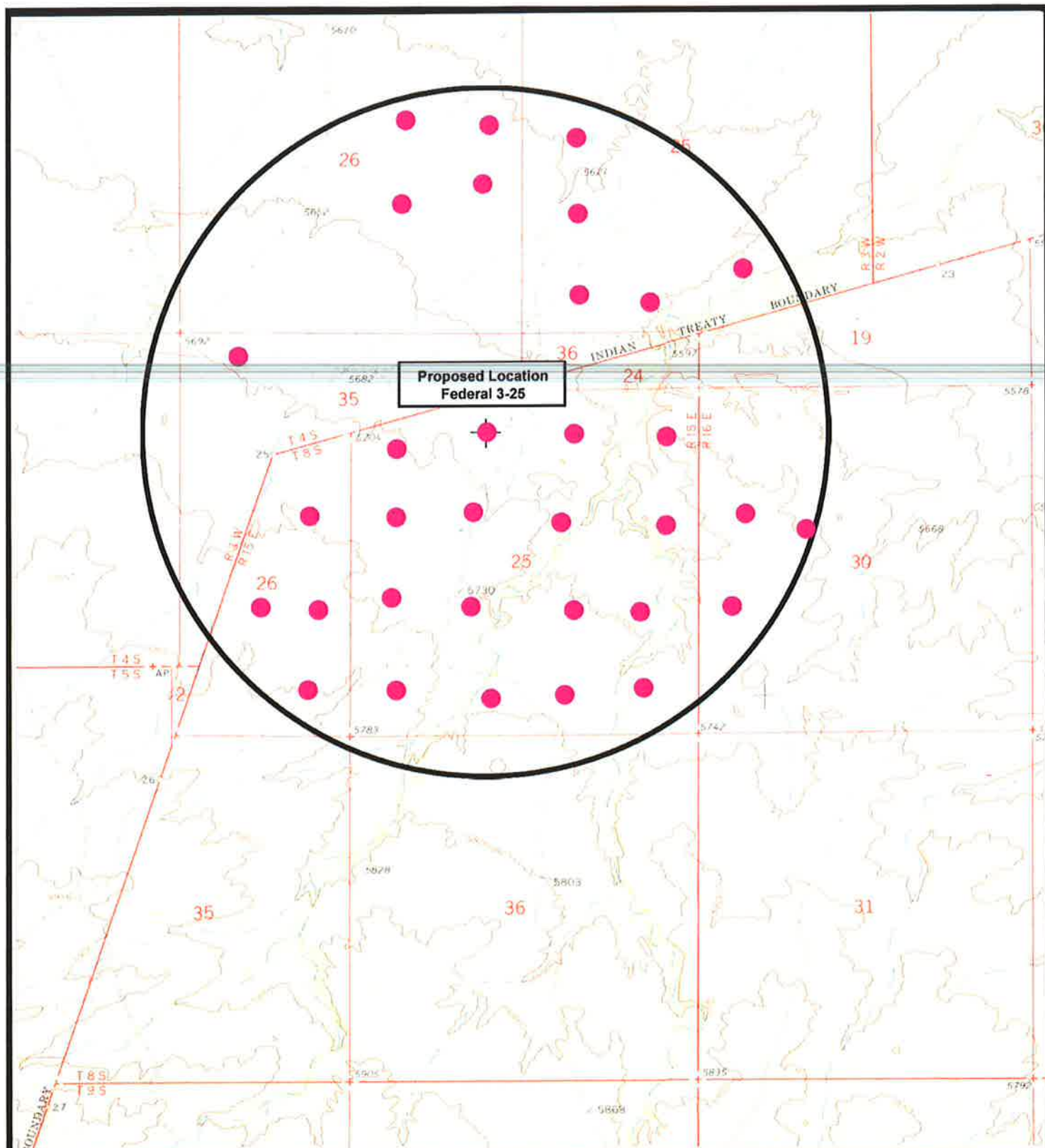
SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 04-01-2009

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

TOPOGRAPHIC MAP

"C"



NEWFIELD
Exploration Company

Federal 3-25-8-15
SEC. 25, T8S, R15E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 04-01-2009

Legend

- Pad Location
- One-Mile Radius

Exhibit "B"

**NEWFIELD PRODUCTION COMPANY
FEDERAL 3-25-8-15
NE/NW (LOT #1) SECTION 25, T8S, R15E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal 3-25-8-15 located in the NE 1/4 NW 1/4 Section 25, T8S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 6.4 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly approximately - 2.6 miles \pm to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly along the proposed access road - 560' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-301, 1/26/09. Paleontological Resource Survey prepared by, Wade E. Miller, 3/5/09. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 560' of disturbed area be granted in Lease UTU-67168 to allow for construction of the planned access road. **Refer to Topographic Map "B".** A permanent width of 30' and a running surface of 18' is proposed for the planned access road. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 770' of disturbed area be granted in Lease UTU-67168 to allow for construction of the proposed surface gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 10" or smaller gas gathering line, and a 3" poly fuel gas line, with a permanent width of 30' upon completion of the proposed gas lines. The construction phase of the proposed gas lines will last approximately (5) days. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 560' of disturbed area be granted in Lease UTU-67168 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line, with a permanent width of 30' upon completion of the proposed water return line. The construction phase of the proposed water lines will last approximately (5) days. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Federal 3-25-8-15.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Federal 3-25-8-15 was on-sited on 6/4/09. The following were present; Tim Eaton (Newfield Production), Reed Durfey (Newfield Production), Christine Cimiluca (Bureau of Land Management), and James Herford (Bureau of Land Management). Ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #3-25-8-15 NE/NW Section 25, Township 8S, Range 15E: Lease UTU-67168 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and

subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

6/15/09

Date

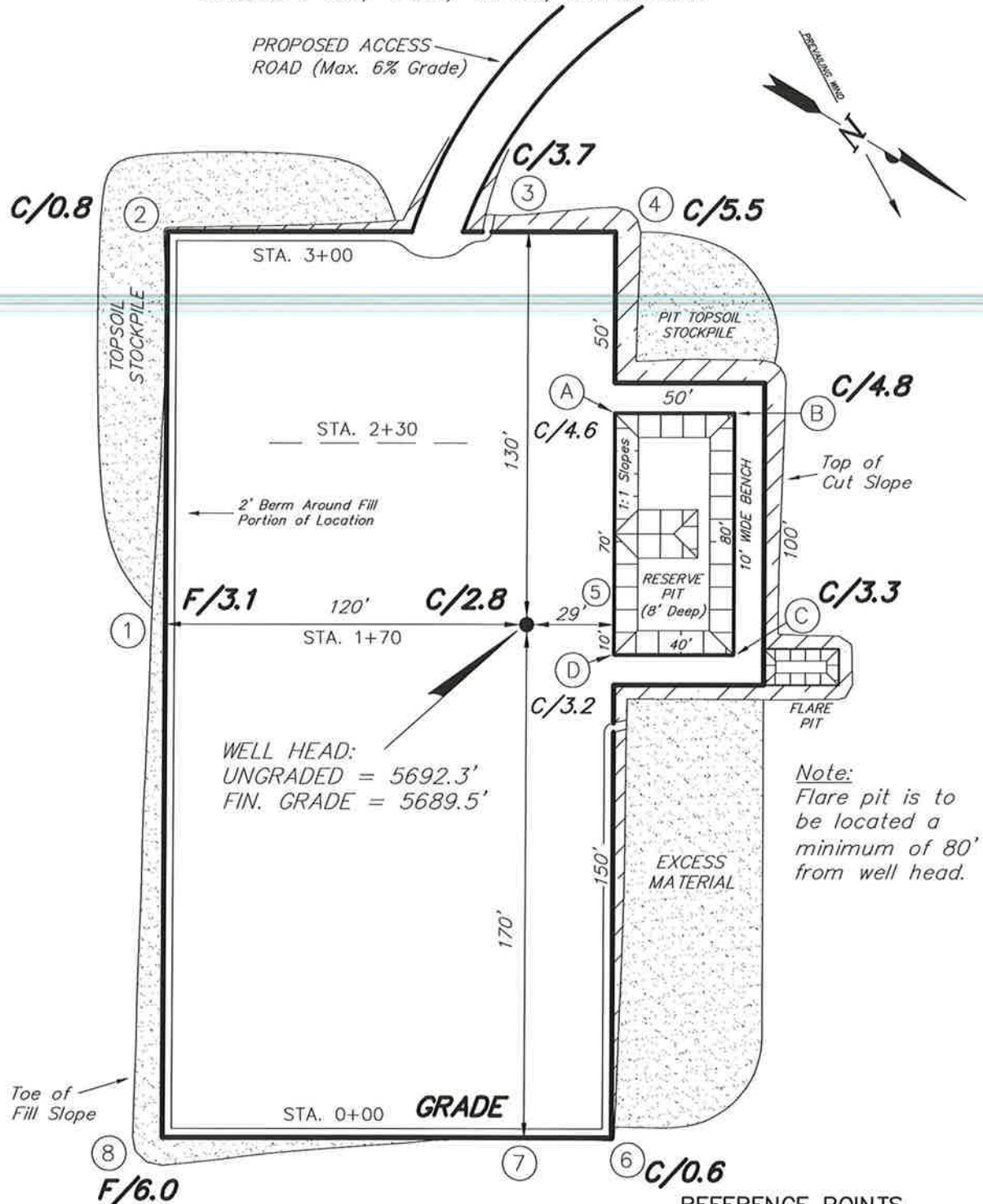


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

FEDERAL 3-25-8-15

Section 25, T8S, R15E, S.L.B.&M.



REFERENCE POINTS

220' NORTHEAST = 5688.0'
270' NORTHEAST = 5686.8'
170' SOUTHEAST = 5687.6'
220' SOUTHEAST = 5690.1'

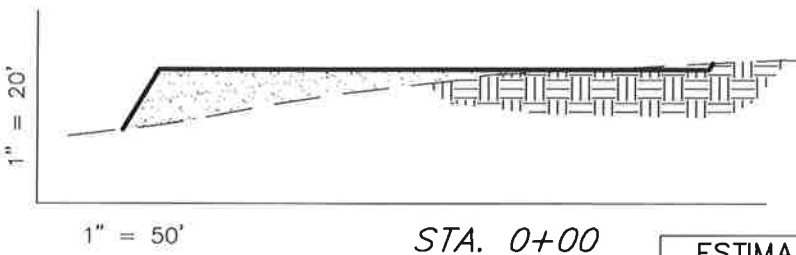
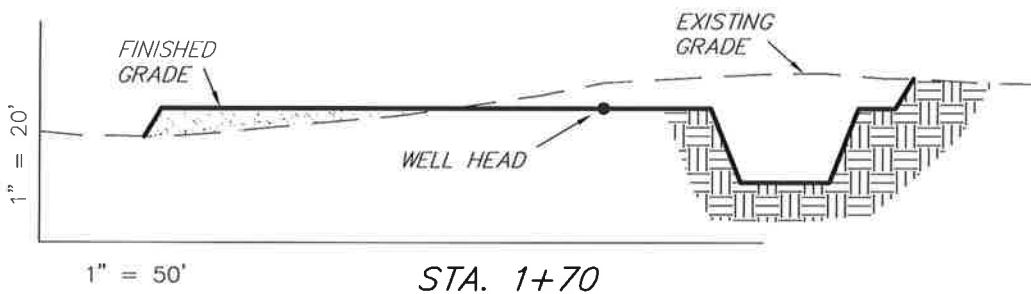
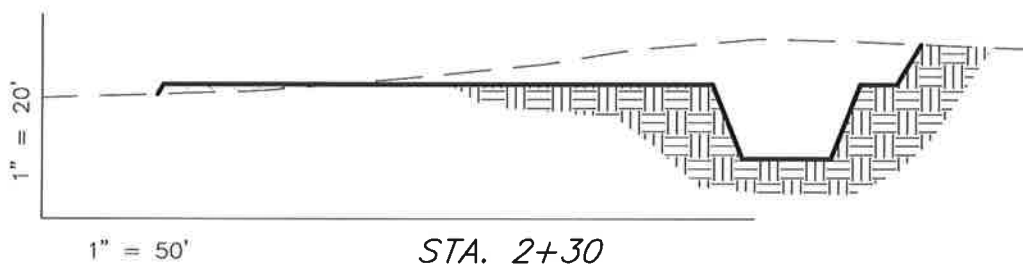
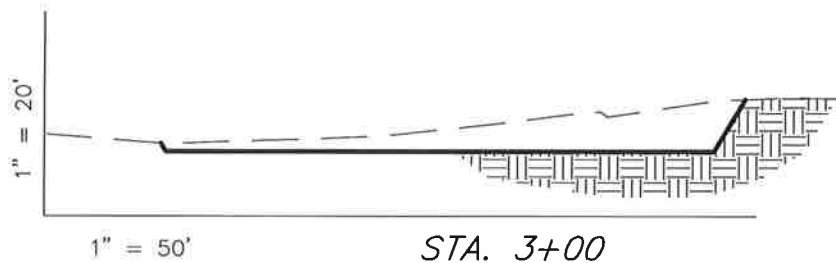
SURVEYED BY: T.H.	DATE SURVEYED: 11-12-08
DRAWN BY: F.T.M.	DATE DRAWN: 03-31-09
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

FEDERAL 3-25-8-15



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES

(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,530	1,520	Topsoil is not included in Pad Cut	10
PIT	640	0		640
TOTALS	2,170	1,520	1,020	650

SURVEYED BY: T.H. DATE SURVEYED: 11-12-08
DRAWN BY: F.T.M. DATE DRAWN: 03-31-09
SCALE: 1" = 50' REVISED:

Tri State (435) 781-2501
Land Surveying, Inc.
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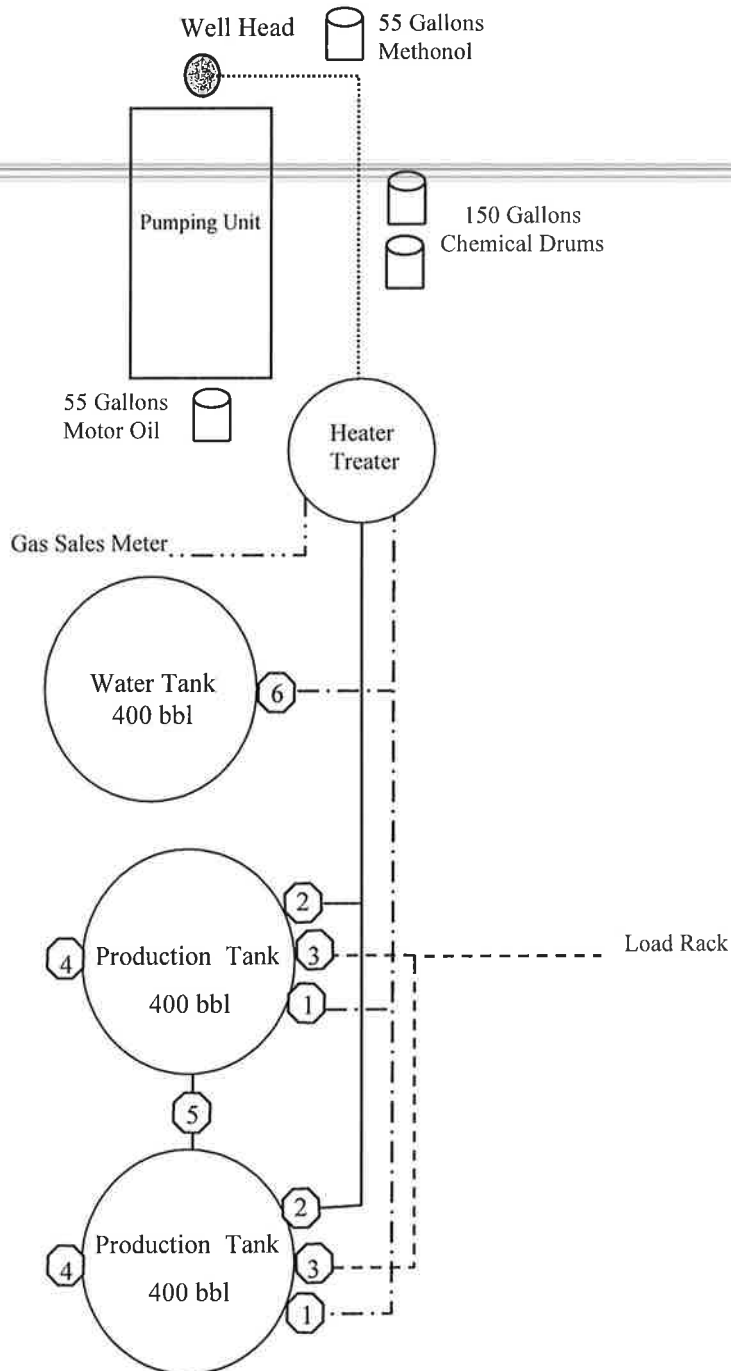
Newfield Production Company Proposed Site Facility Diagram

Federal 3-25-8-15

NE/NW (LOT #1) Sec. 25, T8S, R15E

Duchesne County, Utah

UTU-67168



Legend

Emulsion Line
Load Rack	-----
Water Line	- . - . - .
Gas Sales	- . . . - .
Oil Line	—————

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Exhibit "D"
1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S FOUR BLOCK PARCELS
(T8S, R15E, SECTIONS 25, 26, 35, AND 36)
DUCHESNE COUNTY, UTAH

By:

Nicole Shelnut

Prepared For:

Bureau of Land Management
Vernal Field Office
and
School & Institutional
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-301

January 26, 2009

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-1227b,s

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE & UINTAH COUNTIES, UTAH
(Includes Water Pipeline Surveys)**

Section 36 [Entire Section, excluding SW 1/4, NE 1/4 & SE 1/4, SE 1/4 (7 & 16-36-8-15)];
Section 25 [Entire Section]; Section 26 [SE 1/4, NE 1/4, & SE 1/4 (8, 9, 10 ,15 & 16-26-8-15)];
Section 35 [NE 1/4, SE 1/4 & SW 1/4, NE 1/4 (1, 7 & 8-35-8-15), SE 1/4, NW 1/4 (6-35-8-15),
NE 1/4 & SE 1/4, SW 1/4 (11 & 14-35-8-15), & SE 1/4 (9, 10, 15 & 16-35-8-15)]. NE 1/4 & SE
1/4, Section 32, T 8 S, R 17 E (11 & 14-32-8-17); NE 1/4, SE 1/4, Section 6, T 9 S, R 19 E (43-
6-9-19); NE 1/4, SE 1/4, Section 7, T 9 S, R 17 E (43-7-9-17); SE 1/4, SE 1/4, Section 4, T 9 S,
R 16 E (16-4-9-16)

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
March 5, 2009

Location Map

Box Elder Cache Rich
Hempden Morgan
Dove Summit Disputant
Salt Lake
Tooele Wasatch Duchesne Uintah
Utah
Juab Carbon
Sanpete
Millard Emery Grand
Sevier
Beaver Piute Wayne
Iron Garfield San Juan
Washington Kane



1,200 600 0 1,200 Feet

1:12,000

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/15/2009

API NO. ASSIGNED: 43013500420000

WELL NAME: Federal 3-25-8-15

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NENW 25 080S 150E

Permit Tech Review: ☒

SURFACE: 0460 FNL 1982 FWL

Engineering Review: ☐

BOTTOM: 0460 FNL 1982 FWL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.09311

LONGITUDE: -110.18215

UTM SURF EASTINGS: 569719.00

NORTHINGS: 4438202.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-67168

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ **PLAT**

☒ **Bond:** FEDERAL - WYB000493

☐ **Potash**

☐ **Oil Shale 190-5**

☐ **Oil Shale 190-3**

☐ **Oil Shale 190-13**

☒ **Water Permit:** 43-7478

☐ **RDCC Review:**

☐ **Fee Surface Agreement**

☐ **Intent to Commingle**

Commingle Approved

LOCATION AND SITING:

☐ **R649-2-3.**

Unit:

☐ **R649-3-2. General**

☐ **R649-3-3. Exception**

☒ **Drilling Unit**

Board Cause No: R649-3-2

Effective Date:

Siting:

☐ **R649-3-11. Directional Drill**

Comments: Presite Completed
IRR SEC:

Stipulations: 4 - Federal Approval - dmason
23 - Spacing - dmason



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Federal 3-25-8-15
API Well Number: 43013500420000
Lease Number: UTU-67168
Surface Owner: FEDERAL
Approval Date: 6/18/2009

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Notification Requirements:

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

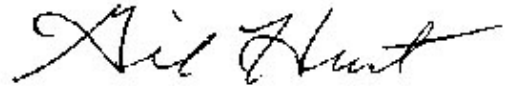
Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

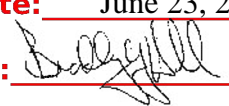
Reporting Requirements:

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Approved By:

A handwritten signature in black ink, appearing to read "Gil Hunt", with a stylized, cursive script.

Gil Hunt
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67168			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: Federal 3-25-8-15			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0460 FNL 1982 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 25 Township: 08.0S Range: 15.0E Meridian: S		9. API NUMBER: 43013500420000			
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION <input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/18/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield proposes to extend the application permit to drill this well for one year.					
Approved by the Utah Division of Oil, Gas and Mining Date: June 23, 2010 By: 					
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825			
SIGNATURE N/A		TITLE Regulatory Tech DATE 6/16/2010			



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013500420000

API: 43013500420000

Well Name: Federal 3-25-8-15

Location: 0460 FNL 1982 FWL QTR NENW SEC 25 TWNP 080S RNG 150E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 6/18/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

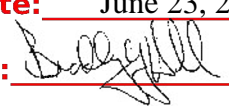
Date: 6/16/2010

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: June 23, 2010

By:

RECEIVED June 16, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9																														
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SIGNATURE N/A		TITLE Regulatory Tech																														
		DATE 6/16/2010																														



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013500420000

API: 43013500420000

Well Name: Federal 3-25-8-15

Location: 0460 FNL 1982 FWL QTR NENW SEC 25 TWNP 080S RNG 150E MER S

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**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 6/16/2010

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: June 23, 2010

By:

RECEIVED June 16, 2010

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration

Rig Name/# Ross #29

Submitted By Mitch Benson

Phone Number (435) 823-5885

Name/Numer FEDERAL 3-25-8-15

Qtr/Qrt NE/NW Section 25 Township 8S Range 15E

Lease Serial Number UTU-67168

API Number 43-013-50042

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 10/22/2010 8:00:00 AM

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 10/22/2010 2:00:00 PM

Remarks:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**
ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	17856	4301350320	UTE TRIBAL 2-17-4-2	NWNE	17	4S	2W	DUCHESNE	10/25/2010	11/10/10
WELL 1 COMMENTS: GRRV											
B	99999	17400 ✓	4301350042	FEDERAL 3-25-8-15	NENW	25	8S	15E	DUCHESNE	10/22/2010	11/10/10
WELL 2 COMMENTS: GRRV											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

NOV 08 2010

DIV. OF OIL, GAS & MINING

Signature

Production Clerk

Jentri Park

10/26/10

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

0460 FNL 1982 FWL

NENW Section 25 T8S R15E

5. Lease Serial No.

UTU-67168

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

FEDERAL 3-25-8-15

9. API Well No.

4301350042

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/22/10 MIRU Ross spud rig #129. Drill 345' of 12 1/4" hole with air mist. TIH W/8 Jt's 8 5/8" J-55 24# csgn. Set @ 345.02'.
On 11/2/10 Cement with 180 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 5 bbls cement to pit.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Johann Davis

Signature

Title

Drilling Foreman

Date

11/03/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

NOV 17 2010

DIV OF OIL & GAS

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 345.02

LAST CASING _____ SET AT _____
 DATUM 12
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 345 LOGGER _____
 HOLE SIZE 12 1/4"

OPERATOR Newfield Exploration Company
 WELL FEDERAL 3-25-8-15
 FIELD/PROSPECT MB
 CONTRACTOR & RIG # Ross # 29

LOG OF CASING STRING:

LOG OF CASING STRING.								
PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1		Well head					A	0.95
8	8 5/8"	Casing Shoe jt 43.20'		24	J-55	STC	A	333.17
1	8 5/8"	Guide shoe					A	0.9
							</	

[illegible]

COMPANY REPRESENTATIVE

Johnny Davis

DATE 11/2/2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

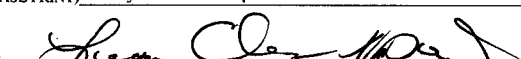
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67168
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 460 FNL 1982 FWL		8. WELL NAME and NUMBER: FEDERAL 3-25-8-15
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW, 25, T8S, R15E		9. API NUMBER: 4301350042
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/08/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 12-08-10, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 12/14/2010

(This space for State use only)

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DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 3-25-8-15**10/1/2010 To 2/28/2011****11/24/2010 Day: 1****Completion**

Rigless on 11/24/2010 - Ran CBL & shot perforations for 1st stage. - NU 5m frac head & 5k 6" Cameron BOP's. RU Hot oiler & test casing, frac valves & BOP to 4500 psi. RU Perforators WLT w/ mast & pack off tool. Run CBL under pressure. WLTD was 6425' w/ TOC @ 504'. RIH w/ 3 1/8" ported guns & perforate CP4 sds @ 6092-6095', CP3 sds @ 6060-6065', CP3 sds @ 6047-6049', CP2 sds @ 5977-5979', & CP1 sds @ 5943-5944' w/ (11 gram, .36"EH, 16.82¢ pen. 120°) 3 spf for total of 39 shots. RD WLT & Hot Oiler. SIWFN w/ 153 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$16,112

12/1/2010 Day: 2**Completion**

Rigless on 12/1/2010 - Frac & flowback well - MIRU BJ Services frac equipment & The Perforators WLT & crane. Frac stg #1. Perforate & frac stg #2-5. RD BJ & WLT. EWTR 2305 BBLS. RU flowback equipment. Open well to pit for immediate flowback @ approx 3 BPM. Flowback well for 2 hrs to recover 240 BBLS. EWTR 2065 BBLS

Daily Cost: \$0**Cumulative Cost:** \$115,614

12/4/2010 Day: 3**Completion**

WWS #1 on 12/4/2010 - Drill out plugs - MIRUSU WWS #1. Open well. CSG 600 psi. Hot oiler pumped 10 bw @ 250°. RU The Perforators WLT. RIH w/ wireline to set kill plug. Set kill plug @ 4450'. POOH w/ wireline. RD wireline trk. ND Cameron BOP. Break out frac head. MU production head. NU Schaffer BOP. RU workfloor. Prep & tally tbg. MU Weatherford 4 3/4" chomp bit, bit sub, & PSN. TIH picking tbg. Tag kill plug @ 4450'. Drill out plug. Continue picking up tbg to tag sand @ 4550'. 500' sand. Clean out sand to CBP @ 4600'. Drill out plug. Continue picking up tbg to tag CBP @ 4810'. Circulate well clean. SDFN

Daily Cost: \$0**Cumulative Cost:** \$161,548

12/6/2010 Day: 4**Completion**

WWS #1 on 12/6/2010 - DU CBPs. C/O to PBTD. Swab for cleanup. - Csg. @ 300 psi, tbg. @ 300 psi. Bleed off well. Cont. RIH w/ tbg. Tag CBP @ 5425'. DU CBP in 11 min. Cont. RIH w/ tbg. Tag fill @ 5540'. C/O to CBP @ 5630'. DU CBP in 18 min. Cont. RIH w/ tbg. Tag fill @ 6294'. C/O to PBTD @ 6461'. Circulate well clean. Pull up to 6388'. RIH w/ swab. SFL @ surface. Made 15 runs. Recovered 165 bbls water. No show of oil or sand. EFL @ 900'. SWIFN. 1815 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$173,198

12/7/2010 Day: 5**Completion**

WWS #1 on 12/7/2010 - Round trip tbg. ND BOP. RIH w/ rods. SWIFN. - Csg. @ 600 psi, tbg. @ 300 psi. Bleed off well. Circulate well w/ 160 bbls water. RIH w/ tbg. Tag PBTD @ 6461' (no new fill). POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC & 192 jts 2 7/8" tbg. ND BOP. Set TAC @ 6054' w/ 18,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. RIH w/ Central Hydraulic 2 1/2" x 1 1/2" x 20' x 24' RHAC rod pump, 6- 1 1/2" weight bars, 94- 3/4" guided rods, 44- 3/4" slick rods, 98- 7/8" guided rods, 1- 2' x 7/8" pony subs, 1 1/2" x 26' polished rod. Seat pump. Stroke test to 800 psi w/ rig. Good pump action. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$181,469

12/8/2010 Day: 6

Completion

WWS #1 on 12/8/2010 - Hang off rods. PWOP @ 9:00 a.m. 122" stroke length, 4 spm. Final Report. 1875 BWTR. - RU pumping unit. Hang off rods. PWOP @ 9:00 a.m. 122" stroke length, 4 spm. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$209,262

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____2. Name of Operator
NEWFIELD EXPLORATION COMPANY3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 802023a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 460 FNL & 1982 FWL (NE/NW) SEC.25, T8S, R15

At top prod. interval reported below

At total depth 6515'

14. Date Spudded
10/22/201015. Date T.D. Reached
11/17/201016. Date Completed 12/07/2010
☐ D & A ☒ Ready to Prod.5. Lease Serial No.
UTU-67168

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU8. Lease Name and Well No.
Federal 3-25-8-159. AFI Well No.
43-013-5004210. Field and Pool or Exploratory
GREATER MONUMENT BUTTE UNIT11. Sec., T., R., M., on Block and
Survey or Area
SEC.25, T8S, R1512. County or Parish
DUCHESNE13. State
UT17. Elevations (DF, RKB, RT, GL)*
5692' GL 5704' KB18. Total Depth: MD 6515'
TVD19. Plug Back T.D.: MD 6461'
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	345.02'		180 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6505.31'		300 PRIMLITE		504'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@6153'	TA @ 6054'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4503	6095	4503-6295	.36"	141	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4503-6095 Green River	Frac w/ 212503#s of 20/40 sand in 1484 bbls of Lightning 17 fluid in #5 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12-7-10	12-10-1	24	→	76.66	131.50	13.34			2-1/2" x 1-1/2" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2-7/8"			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Green River	4503	6095		GARDEN GULCH MRK GARDEN GULCH 1	3909 4145
				GARDEN GULCH 2 POINT 3	4271 4558
				X MRKR Y MRKR	4819 4853
				DOUGALS CREEK MRK BI CARBONATE MRK	4969 5228
				B LIMESTON MRK CASTLE PEAK	5362 5885
				BASAL CARBONATE WASATCH	6301 6431

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Monica BradleyTitle Office Services AssistantSignature Monica BradleyDate 12/22/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

Daily Activity Report**Format For Sundry****FEDERAL 3-25-8-15****9/1/2010 To 1/30/2011****FEDERAL 3-25-8-15****Rigging Up****Date:** 11/2/2010

Ross #29 at 345. Days Since Spud - Notifications made by Email - On 11/2/10 BJ Cemented Csg. With 180 sks Class G+2% CACL+ .25#/sk Cello flake/ 5 bbls cmt to pit - jts 333/17' of 8 5/8" J55 24# ST&C Casing/Land @ 345.02KB - On 10/22/10 Ross rig # 29 Spud the Federal 3-25-8-15 @ 8:00 AM/Drill 345' of 12 1/4" hole/PU & run 8

Daily Cost: \$0**Cumulative Cost:** \$65,446**FEDERAL 3-25-8-15****Rigging Up****Date:** 11/12/2010

Ross #29 at 345. 0 Days Since Spud - On 11-11-10 Jones Trucking moved rig # 3 from Federal 15-25-8-15 to Federal 3-25-8-15/Set all - Electrical cords. - equipment except Dog house & Derrick/Shut down because of darkness/Continue RU wind walls ,Lines &

Daily Cost: \$0**Cumulative Cost:** \$72,951**FEDERAL 3-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 11/13/2010

NDSI #3 at 1970. 1 Days Since Spud - RU with Jones Trucking on the Federal 3-25-8-15/Install new Bridle lines/Inspect DC's & subs - RU Quick test & test kelly,safety valve pipe & blind rams & choke to 2000 psi for 10 min./All Ok - PU BHA with Pay Zone Dir. Tools/TIH & tag cmt @ 290' - Drill 7 7/8" hole from 290' to 1008'/WOB 18/RPM 65/GPM 420/ROP 160FPH - Install rotating head rubber, drive bushing & change valve in mud pump - Drill 7 7/8" hole from 1008' to 1970'/WOB 20/RPM 55/GPM 420/ROP 92FPH - Test Csg. To 1500 psi for 30 min /Ok

Daily Cost: \$0**Cumulative Cost:** \$141,538**FEDERAL 3-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 11/14/2010

NDSI #3 at 4081. 2 Days Since Spud - Change Mud pump cap gasket - Drill 7 7/8" hole from 3072' to 3514'/WOB 20/RPM 55/GPM 420/ROP 88FPH - Rig service / Fonction test BOP's & Crown-O-Matic/OK - Drill from 2127' to 3072'/WOB 20/RPM 55/GPM 420/ROP 118FPH - Drill 7 7/8" hole from 1970 to 2127'/WOB 20/RPM 55/GPM 420/ROP 314 FPH - Switch to PZ-7 pump - Work on pump - Drill 7 7/8" hole from 3514' to 4081'/WOB 20/RPM 55/GPM 420/ROP 71FPH

Daily Cost: \$0**Cumulative Cost:** \$156,475**FEDERAL 3-25-8-15****Drill 7 7/8" hole with fresh water****Date:** 11/15/2010

NDSI #3 at 5626. 3 Days Since Spud - UPSHAH OSHA inspection : results 23 items to repair/6 items repaired today. - Change Cap gasket on PZ-9 mud pump - Drill 7 7/8" hole from 4711' to 5531'/WOB 20/RPM 50/GPM 420/ROP 65.6FPH - Rig service/Function test BOP's & Crown-O-Matic/OK - Drill 7 7/8" hole from 4081' to 4711'/WOB 20/RPM 50/GPM 420/ROP 70FPH - Drill 7 7/8" hole from 5531' to 5626'/WOB 20/RPM 50/GPM 420/ROP 63FPH

Daily Cost: \$0**Cumulative Cost:** \$178,455

FEDERAL 3-25-8-15**Running casing****Date:** 11/16/2010

NDSI #3 at 6515. 4 Days Since Spud - Change to Csg. Rams & test to 2000 psi for 10 min. with Quick test/OK - RU Q.T.Casers & Run 5.5" Csg. - LDDP & BHA with Pay Zone Dir. Tools - Displace hole with 360 bbls 10# Brine/Well dead - LDDP to 4000' - Circ & Cond. For logs/Flow 20 GPM - Drill 7 7/8" hole from 6476' to 6515' T.D./WOB 25/RPM 40/GPM 380/ROP 78FPH - Rig service/Function test BOP's & Crown-O-Matic /OK - Drill 7 7/8" hole from 6130' to 6476'/WOB 25/RPM 40/GPM 380/ROP 69FPH - Switch to PZ-7 pump - Drill 7 7/8" hole from 5626' to 6130'/WOB 25/RPM 40/GPM 420/ROP 101FPH - RU PSI & log well/Run Triple Combo from T.D. @ 6515' to surface Csg. @ 345'/Loggers T.D. @ 6515'

Daily Cost: \$0**Cumulative Cost:** \$328,498

FEDERAL 3-25-8-15**Wait on Completion****Date:** 11/17/2010

NDSI #3 at 6515. 5 Days Since Spud - clean mud tanks. - Set slips w/125,000# tension - Cement w/BJ 300 sks lead PLII+3%KCL+5#CSE+0.5#CF+5#KOL+.5SMS+FP+SF 400 sks tail - Circulate W/rig pump - Run 154jt of 5.5 casing set @ 6505.31'KB - Release rig @ 5:00pm.

Finalized**Daily Cost:** \$0**Cumulative Cost:** \$360,321

Pertinent Files: Go to File List

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-67168
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. NA
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Federal 3-25-8-15
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 500A2
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE/NW (LOT #1) 460' FNL 1982' FWL At proposed prod. zone		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 10.5 miles southwest of Myton, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 25, T8S R15E
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 460' f/lse, NA' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 2500.00	17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1366'	19. Proposed Depth 6,515'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5692' GL	22. Approximate date work will start* 4th Qtr. 2009	23. Estimated duration (7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 6/15/09
Title Regulatory Specialist		
Approved by (Signature) <i>James H. Sparger</i>	Name (Printed/Typed) James H. Sparger	Date FEB 18 2010
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

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JUN 24 2009

MAR 16 2010 AFMSS# 09SX30751A

BLM VERNAL, UTAP DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

UDOGM

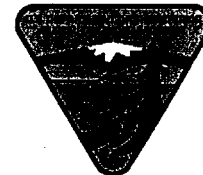


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	Lot 1, Sec. 25, T8S R15E
Well No:	Federal 3-25-8-15	Lease No:	UTU-67168
API No:	43-013-50042	Agreement:	N/A

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

- Construction and drilling is not allowed from May 1st – June 15th to minimize impacts during Mountain plover nesting.
- If it is anticipated that construction or drilling will occur during the given timing restriction, a BLM or qualified biologist should be notified so surveys can be conducted. Depending upon the results of the surveys, permission to proceed may or may not be recommended or granted by the BLM biologist.

Reclamation

- Reclamation will be completed in accordance with the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM.

Seed Mix (Interim and Final Reclamation)

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	2.0	¼ - ½"
Bluebunch wheatgrass	<i>Pseudoroegneria spicata</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	2.0	½"
Four-wing saltbush	<i>Atriplex canescens</i>	3.0	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	1.0	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	1.0	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch would be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.

Monitoring and Reporting

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.